

**PRODUCT INFORMATION**

|                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Target</b>                      | TIGIT                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Description</b>                 | Monoclonal Cell Line Derived from K562 Cells,<br>Engineered for Stable Expression of Human TIGIT<br>Using Lentiviral Technology                                                                                                                                                                                                                                                                                                  |
| <b>Host Cells</b>                  | K562                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Uniprot ID</b>                  | Q495A1                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Applications</b>                | FACS Data                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Growth media</b>                | RPMI-1640+10% FBS+1% P.S+1% Gln+2 ug/mL<br>Puromycin                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Package</b>                     | 5E6 Cells/mL                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Suggested Control</b>           | SKU: BME100024                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Warranty and<br/>Disclaimer</b> | 1. Please inspect cells upon receipt and report<br>any issues promptly. 2. We offer one-time<br>replacements for issues reported within a week of<br>receipt. 3. User-induced issues are not eligible for<br>free replacements. 4. We do not accept liability<br>for damages resulting from cell use, storage, or<br>loss. 5. Feedback received more than one month<br>after receipt will not be processed.                      |
| <b>Storage &amp; Shipping</b>      | Cells are shipped using dry ice and require liquid<br>nitrogen storage for long term preservation.                                                                                                                                                                                                                                                                                                                               |
| <b>Synonyms</b>                    | TIGIT;VSIG9;VSTM3                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Background</b>                  | This gene encodes a member of the PVR<br>(poliovirus receptor) family of immunoglobulin<br>proteins. The product of this gene is expressed on<br>several classes of T cells including follicular B<br>helper T cells (TFH). The protein has been shown<br>to bind PVR with high affinity; this binding is<br>thought to assist interactions between TFH and<br>dendritic cells to regulate T cell dependent B cell<br>responses. |
| <b>Usage</b>                       | For research use only.                                                                                                                                                                                                                                                                                                                                                                                                           |



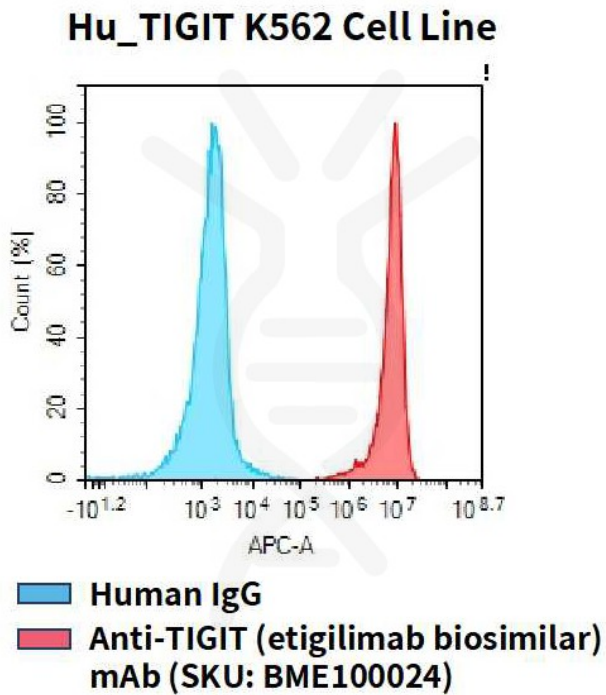


Figure 1. Flow cytometry analysis of human TIGIT overexpression using Hu\_TIGIT K562 Cell Line (Cat. No. CEL100083) and Anti-TIGIT (etigilimab biosimilar) mAb (Cat. No. BME100024)

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